

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		S79 and thread\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 11:26
		S62 and rotat\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 16:16
		viscosity same (support\$ near3 particles)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 14:16
		S37 and s.sup.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 09:53
		\$sup.-1"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:25
		(aqueous and surfactant\$).ti. and shear and (laundr\$ or detergent\$) and .sup.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:16
S1	252	20s-\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 15:50
S2	9	20s-1	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 15:53
S3	213	((JOHN) near2 (HINES)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 16:14
S4	1	((JANE) near2 (ORMOND)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 16:14
S5	8	((BRIAN) near2 (STEINHOBEL)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 16:15
S6	221	S3 S4 S5	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/29 16:15
S7	1	"20070274768".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 16:17
S8	0	"20" "s-.sup.1"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 16:18
S9	0	("20" "s-.sup.1")	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 16:18

S10	0	"s-.sup.1"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 16:19
S11	518	shear field and viscosity'	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 16:19
S12	518	shear field and viscosity	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 16:19
S13	0	S12 and S10 pa	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 16:19
S14	4	S12 and "10 pa"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 16:19
S15	0	("20 s-.sup.1")	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 16:19
S16	4224	(ConoPCO or Unilever).as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 16:33
S17	2	("5887753" "6090762").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 16:34
S18	0	"s-.sup.-1"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:05
S19	0	("20s.sup.-1")	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:05
S20	0	("21s.sup.-1")	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:06
S21	0	("21 s.sup.-1")	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:06
S22	0	S21 "s.sup.-1"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:06
S23	0	"21" "s.sup.-1"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:06
S24	0	"s.sup.-1"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:06

S25	44	("3077469" "3498943" "3668230" "3772382" "3776874" "3839405" "3922230" "4095035" "4132735" "4460480" "4488981" "4515704" "4618446" "4659497" "4675127" "4793943" "4871467" "5008032" "5071586" "5073285" "5077329" "5147576" "5198353" "5269960" "5429754" "5489397" "5494602" "5597508" "5602092").PN. OR ("6090762").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:07
S26	4182	aqueous surfactant\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:13
S27	54	aqueous surfactant\$.ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:13
S28	29	aqueous surfactant\$.ti. and (laundr\$ or detergent\$)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:14
S29	6	aqueous surfactant\$.ti. and (laundr\$ or detergent\$) and shear	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:14
S30	11	aqueous surfactant\$.ti. and shear	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:15
S31	68	(aqueous and surfactant\$).ti. and shear	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:15
S32	34	(aqueous and surfactant\$).ti. and shear and (laundr\$ or detergent\$)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:15
S33	2	(aqueous and surfactant\$).ti. and shear and (laundr\$ or detergent\$) and sup	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:16
S34	0	"sup.-1"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:25
S35	18	(US-20040014632-\$ or US- 20070277850-\$ or US-20070274768- \$ or US-20050101502-\$ or US- 20090107681-\$ or US-20050197274- \$ or US-20050039253-\$ or US- 20030109410-\$).did. or (US-5489397- \$ or US-6090762-\$ or US-7129201-\$ or US-6569825-\$ or US-6277804-\$ or US-6177396-\$ or US-5952285-\$ or US-5814592-\$ or US-5696074-\$ or US-5021195-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/05/29 17:36
S36	2	S35 and "100" pa	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/29 17:36

S37	18	(US-20040014632-\$ or US-20070277850-\$ or US-20070274768-\$ or US-20050101502-\$ or US-20090107681-\$ or US-20050197274-\$ or US-20050039253-\$ or US-20030109410-\$).did. or (US-5489397-\$ or US-6090762-\$ or US-7129201-\$ or US-6569825-\$ or US-6277804-\$ or US-6177396-\$ or US-5952285-\$ or US-5814592-\$ or US-5696074-\$ or US-5021195-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/06/01 09:53
S38	15	S37 and ((shear field) or (shear rate))	US-PGPUB; USPAT	ADJ	ON	2009/06/01 09:55
S39	2	S37 and (shear field)	US-PGPUB; USPAT	ADJ	ON	2009/06/01 09:55
S40	95	rest and "applied shear stress"	US-PGPUB; USPAT	ADJ	ON	2009/06/01 11:05
S41	2	(rest and "applied shear stress").clm.	US-PGPUB; USPAT	ADJ	ON	2009/06/01 11:05
S42	1	"4343726".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 11:23
S43	717	detergent near visc\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 12:33
S44	179	detergent near visc\$ and shear	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 12:33
S45	29	(laundry detergent) near5 visc\$ and shear	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 12:33
S46	8	("5538662" "5820695" "6362156" "6794347" "6794348" "6815409" "6849587" "7018970").PN. OR ("7297674").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 12:45
S47	8	("5538662" "5820695" "6362156" "6794347" "6794348" "6815409" "6849587" "7018970").PN. OR ("7297674").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 12:51
S48	4442	(laundry detergent) and visc\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 13:13
S49	68	(laundry detergent) near5 visc\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 13:13
S50	39	S49 not S45	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 13:14
S51	531	viscosity same (support\$3 near3 particles)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 14:17

S52	8342	viscosity same ((suspend\$3 or suspension) near3 particles)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 14:17
S53	1045	S52 and detergent	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 14:18
S54	133	S52 and laundry detergent	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 14:18
S55	61	S52 and laundry detergent and (pa or pas)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 14:18
S56	201	401/174.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 14:42
S57	18	S56 and non-circul\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 14:42
S58	18	("1476965" "1510934" "1527745" "2230083" "2626847" "2838442" "2890987" "3180827" "5399364").PN. OR ("5518715"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 14:52
S59	76	("1663338" "1803524" "2233587" "2276722" "2923442" "2998167" "3756730" "4009804" "4019654" "4126251" "4221490" "4264021" "4356938" "4456450" "4461407" "4595124" "4624594" "4681524" "4702398" "4778300" "4923096").PN. OR ("5000356"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 14:57
S60	1222	401/171,172,173,174,175.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 15:24
S61	6	S60 and hexagon\$5 near5 (lift or piston or platform)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 15:25
S62	821	401/172,175.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 15:27
S63	1	"11572863"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 15:29
S64	2	"01572863"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 15:30
S65	1	"10572863"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 15:30
S66	3	"11274870" or "11446704"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 15:32

S67	3	("2818167" "3612705").PN. OR ("7073966").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 15:37
S68	3	("2818167" "3612705").PN. OR ("7073966").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 15:41
S69	5	("4915528" "6071028" "6089774" "6129472" "6276857").PN. OR ("6817799").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 15:43
S70	12	("5025960" "5186561" "5725133").PN. OR ("6039483").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 15:54
S71	16	("2917765" "2935191" "3333689" "3612705" "4865480" "5255990").PN. OR ("5868510").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 16:03
S72	30	("2629489" "2678128" "2753991" "2767834" "3214012" "3393036" "3429643" "3912403" "4884912" "4950094" "5255990").PN. OR ("5505041").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 16:11
S73	49	S62 and (non-circ\$ or noncirc\$)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 16:17
S74	309	401/171,173.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/01 16:36
S75	5	("4915528" "6071028" "6089774" "6129472" "6276857").PN. OR ("6817799").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/02 11:07
S76	1	"4235557".PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/20 18:27
S77	0	(10/579267).APP.	USPAT; USOCR	ADJ	ON	2009/11/20 18:29
S78	8495	detergent and scrub\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 11:25
S79	290	S78 and "401".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 11:26
S80	142	S79 and thread\$6	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 11:26
S81	20	("1598968" "4555019" "4786199" "4925327" "5046646" "5065913" "5067501" "5230442" "5447226" "5540341" "5547303" "5597255" "5647481").PN. OR ("5971645").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 11:29

S82	9	("4155871" or "4074944" or "5039451" or "5075501" or "5071594" or "20070277850" or "2003008799" or "2748991" or "5100252").pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 11:39
S83	0	"2003008799".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 11:49
S84	0	"200308799".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 11:49
S85	0	2003/008799	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 11:49
S86	7	"1227461"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 12:09
S87	8	("3261185").URPN.	USPAT	ADJ	ON	2009/11/23 12:10
S88	4	("3223096").URPN.	USPAT	ADJ	ON	2009/11/23 12:11
S89	39	(US-20040014632-\$ or US-20070277850-\$ or US-20070274768-\$ or US-20050101502-\$ or US-20090107681-\$ or US-20050197274-\$ or US-20050039253-\$ or US-20030109410-\$).did. or (US-5489397-\$ or US-6090762-\$ or US-7129201-\$ or US-6569825-\$ or US-6277804-\$ or US-6177396-\$ or US-5952285-\$ or US-5814592-\$ or US-5696074-\$ or US-5021195-\$ or US-4343726-\$ or US-5538662-\$ or US-7297674-\$ or US-6482792-\$ or US-H001818-\$ or US-5518715-\$ or US-5000356-\$ or US-6817799-\$ or US-6116803-\$ or US-6039483-\$ or US-5868510-\$ or US-5697531-\$ or US-5505041-\$ or US-4235557-\$ or US-5971645-\$ or US-4974727-\$).did. or (US-2626847-\$ or US-2818167-\$ or US-2917765-\$ or US-3261185-\$ or US-3223096-\$).did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 12:24
S90	217	((JOHN) near2 (HINES)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 12:25
S91	1	((JANE) near2 (ORMOND)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 12:25
S92	11	((BRIAN) near2 (STEINHOBEL)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 12:25

S93	228	S90 S91 S92	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/23 12:25
S94	4309	(ConoPCO or Unilever).as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 12:25
S95	2	("5887753" "6090762").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 12:25
S96	4559	(S89 or S93 or S94 or S95)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 12:25
S97	153	S96 and ((high density) or hdp or hdpe)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 12:25
S98	29	S97 and mesh\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 12:25
S99	1226	401/171,172,173,174,175.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 13:46
S100	1226	S99	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 13:46
S101	66	S100 and mesh\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 13:46
S102	8	("5323934" "5725133" "6155735" "6227739").PN. OR ("6811062").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 13:51
S103	35	("20030197028" "20030197037" "20040069814" "20040206783" "20050025558" "20050178796" "3007611" "3333740" "3616970" "3873008" "4074833" "4139127" "4298036" "4363560" "4544083" "4641776" "4658993" "4850516" "4865231" "5000356" "5007755" "5016782" "5025960" "5540361" "5573341" "5725133" "5839622" "5947621" "6039483" "6186686" "6811062" "6969209" "7213994").PN. OR ("7303348").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 13:54
S104	50	("2374065" "2457342" "3825021" "3826580" "4878775" "5009534" "5019033" "5772347").PN. OR ("6186686").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 13:55
S105	25	S104 and mesh\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 13:56

S106	28	("2164965" "2258115" "2265603" "2594729" "3046593" "3124825" "3218666" "3256549" "4336024" "5006004" "5122158" "5765407" "5849039" "6179505" "6186686" "6233771" "6375686" "6391061" "6450724").PN. OR ("6829913"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 14:00
S107	14	("3256549").URPN.	USPAT	ADJ	ON	2009/11/23 14:26
S108	52	("0642082" "1312912" "1663338" "1803524" "2233587" "2276722" "2371332" "2568856" "2917765" "2923442" "2998167" "3078011" "3121905" "3756730" "4009804" "4019654" "4030643" "4122983" "4126251" "4221490" "4264021" "4356938" "4456450" "4461407" "4595124" "4624594" "4681524" "4702398" "4778300" "4923096" "5000356").PN. OR ("5540361"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 14:42
S109	84	("0519051" "0555763" "1968686" "2557221" "3179972" "3409186" "3858762" "4138039" "4185776" "4225254" "4333589" "4348126" "4353956" "4492223" "4567011" "4571106" "4801052" "4842794" "4865231" "4931484" "4961661" "5007754" "5088849" "5092468" "5098782" "5111972" "5139180" "5207962" "5234136" "5277515" "5308182" "5320259" "5372285" "5460878" "5489437" "5540361" "5547302" "5570821" "5573341" "5725133" "5772347" "5839622" "5860572" "D216294" "D248214" "D285172" "D308330" "D308476" "D332914" "D333191" "D334712" "D340865"). PN. OR ("6357945").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 14:47
S110	38	("3095598" "4111567" "D198288" "D226688" "D239367" "D255986" "D257951" "D279224" "D287335" "D297915").PN. OR ("D308330").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 14:48

S111	64	("0519051" "0555763" "0718969" "1968686" "2557221" "3409186" "3858762" "4138039" "4185776" "4223999" "4225254" "4333589" "4353956" "4492223" "4567011" "4571106" "4801052" "4842794" "4865231" "4931484" "4961661" "5088849" "5092468" "5098782" "5111972" "5139180" "5207962" "5234136" "5277515" "5308182" "5320259" "5372285" "5460878" "5489437" "5540361" "5547302" "5570821" "5573341" "5725133" "5743441" "5772347" "5839622" "5860572" "D216294" "D248214" "D285172" "D308330" "D308476" "D332914" "D333191" "D334712" "D340865"). PN. OR ("6336763").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 14:51
S112	13	("1243967" "1336284" "2100855" "4652163" "5431098" "6336763" "D165671" "D289143" "D413799").PN. OR ("D543658"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 14:51
S113	50	("3674183" "4646945" "4699300" "4739906" "4846810").PN. OR ("5743441").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 14:54
S114	9	S113 and polyethylene	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 14:56
S115	9	("4915268" "5064306" "5727892" "5743441" "6116803" "6196747").PN. OR ("6572300"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 14:58
S116	12	("2487236" "3414360").PN. OR ("5064306").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 14:59
S117	52	("1137086" "1303531" "1977302" "2008636" "2096802" "2197579" "2591207" "3369720" "3659750" "3741447" "3896978" "3933271" "4087028" "4158902" "4377247" "4386714" "4403712" "4778071").PN. OR ("4915268"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 15:00
S118	4	("6811062" or "6336763" or "6186686" or "4842794").pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 15:45

EAST Search History (Interference)

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11/ 24/ 2009 7:55:48 PM**C:\ Documents and Settings\ rvarnum\ My Documents\ EAST\ Workspaces\ 10-579353.wsp**